

# HIV CAPSID ASSEMBLY INTERMEDIATES AND METHODS OF PRODUCTION

## ABSTRACT

5

A cell-free method for translation and assembly of retroviral, particularly HIV, capsid and capsid intermediates is disclosed. Also disclosed are novel HIV capsid assembly intermediates and novel host proteins which bind to such assembly intermediates. The invention also includes a screening method for compounds that alter retrovirus capsid assembly, and a method of treating HIV using compounds which inhibit the HIV capsid assembly pathway.

10

15  
20  
25  
30  
35  
40  
45  
50  
55  
60  
65  
70  
75  
80  
85  
90  
95  
100

15

20